CLAIMS

What is claimed is:

1.   A computer-implemented method of correlating printed material to
a response produced by a computer system comprising:
        defining an object on a page of the printed material; and
        linking a position of the object on the page, and a related response to be
performed by the computer system.

2.   The computer-implemented method of claim 1, wherein the
response comprises at least one of rendering audio content, rendering video
content, rendering image content, rendering text content, and performing an
action by the computer system.

3. The computer-implemented method of claim 2, further comprising
generating a multimedia database to store digital multimedia content including
at least one of audio content, video content, image content, and text content; a
printed material content database to store positional information about objects
on the pages and linkage information between the objects and at least one of
the multimedia contents and actions; and an action library to store directives for
actions to be performed on the computer system.

4. The computer-implemented method of claim 2, wherein defining the
object on the page comprises using an electronic pen to outline boundaries of
the object on the page.

5. The computer-implemented method of claim 2, wherein defining the
object on the page comprises using an electronic pen to select key points on
the boundary of the object on the page.

6. The computer-implemented method of claim 2, wherein defining the

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object on the page comprises using a mouse to manipulate a graphical object on a display to encapsulate the boundary of the object on the page as displayed on the display.

7. The computer-implemented method of claim 2, wherein defining the object on the page comprises using a mouse to select key points on the boundary of the object on the page as displayed on a display.

8. The computer-implemented method of claim 2, wherein the printed material comprises a traditional paper book.

9. The computer-implemented method of claim 2, wherein the printed material comprises material generated by a user.

10. An article comprising: a storage medium having a plurality of machine accessible instructions, wherein when the instructions are executed by a processor, the instructions provide for correlating printed material to a response produced by a computer system by defining an object on a page of the printed material; and linking a position of the object on the page and a related response to be performed by the computer system.

11.   The article of claim 10, wherein the response comprises at least one of rendering audio content, rendering video content, rendering image content, rendering text content, and performing an action by the computer system.

12. The article of claim 11, further comprising instructions for generating a multimedia database to store digital multimedia content including at least one of audio content, video content, image content, and text content; a printed material content database to store positional information about objects on the pages, and linkage information between the objects and at least one of the

multimedia contents and actions; and an action library to store directives for actions to be performed on the computer system.

13. The article of claim 11, wherein instructions for defining the object on the page comprise instructions for using an electronic pen to outline boundaries of the object on the page.

14. The article of claim 11, wherein instructions for defining the object on the page comprise instructions for using an electronic pen to select key points on the boundary of the object on the page.

15. The article of claim 11, wherein instructions for defining the object on the page comprise instructions for using a mouse to manipulate a graphical object on a display to encapsulate the boundary of the object on the page as displayed on the display.

16. The article of claim 11, wherein instructions for defining the object on the page comprise instructions for using a mouse to select key points on the boundary of the object on the page as displayed on a display.

17. The article of claim 11, wherein the printed material comprises a traditional paper book.

18. The article of claim 11, wherein the printed material comprises material generated by a user.

19. A system for associating a selected object on any printed material to a valid response provided by a computer system comprising:
a pointing device to determine a position on the printed material;
a communicating device to transmit the position to the computer system;

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a maker component to define an object on a page of the printed material; and to link a position of the object on the page and a related response to be performed by the computer system; and

a player component to correlate the pointed position to selected content associated with the printed material, the selected content being accessible by the computer system; and to provide a valid response to a user based at least in part on the pointed position and the correlated content, wherein the valid response includes at least one of rendering audio content, rendering video content, rendering image content, rendering text content, and performing an action by the computer system.

20. The system of claim 19, wherein the pointing device comprises an electronic pen.

21. The system of claim 19, further comprising a multimedia database to store digital multimedia content, a printed material content database to store positional information about objects on the pages and linkage information between the objects and at least one of the multimedia contents and actions, and an action library to store directives for actions to be performed on the system.

22. The system of claim 19, wherein the printed material comprises a traditional paper book.